Sajal Regmi

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SUMMARY

My goal is to be part of a forward-thinking team that embraces challenges and creates products with a lasting impact. Eager to contribute to the development of transformative technologies.

EXPERIENCE

Co-Founder and Engineer

Ticket Sewa Pvt Ltd   **June 2023 – Present, Remote**

· Assuming multiple roles as co-founder, product manager, and engineer, to develop a comprehensive ticketing solution for Nepal.
· Actively engaging in REST API development using Node.js Express, implementing microservices architecture, architecting the database's Entity-Relationship Diagram (ERD) to accommodate huge volumes of data, and creating a sophisticated admin dashboard using React JS.
· Orchestrating daily stand-ups and sprint planning sessions, implementing agile development practices resulting in a 25% increase in project velocity and on-time delivery of features.
· Successfully obtained a $5000 grant from the Youth Self Employment Fund, covering 40% of the project budget.
· Integrated ticketing services from 7 airlines, 10 event organizers, and 20 bus service providers, expanding ticketing options by 50% within 45 days.
· Led the hiring process, conducted candidate interviews, and assembled a skilled and motivated team of engineers, establishing a dynamic environment where talents flourish.

Project Lead

Pudonepal Pvt Ltd   **August 2022 – Present, Remote**

· Oversaw the development of a cutting-edge platform poised to revolutionize last-mile delivery solutions in Nepal, resulting in a projected 30% increase in delivery efficiency upon launch.
· Analyzed market data and competitor offerings, influencing the integration of features predicted to enhance the delivery system's efficiency by 20%.
· Strategically located 170 PUDO stations, optimizing coverage to initially serve a potential 500,000+ customers within the densely populated Kathmandu city.
· Streamlined the station acquisition process laying the groundwork for extended service coverage upon the application's launch.
· Collaborated on a revenue model, projecting a passive income stream for 2000 stations and 300 delivery workers, aiding 200 online small businesses in reaching their customers over the next 3 years.
· Recognized for outstanding performance with a 5% allocation of stock options.

Product Development Intern

Karyathalo IT and Web Solutions   **August 2020 – July 2021, Kalikasthan, Kathmandu**

· Strategically managed project timelines, deliverables, and resource allocation in collaboration with the CEO, ensuring the successful and timely delivery of the web application for Kathmandu Metropolitan City.
· Led requirements gathering and translated the vision into actionable goals, resulting in an anticipated 30% decrease in physical visits to Metropolitan offices.
· Conducted frequent meetings and demo sessions to showcase progress and gather feedback, ensuring seamless alignment with the client's expectations and making necessary adjustments.
· Successfully deployed an accessible platform serving 5 million users, streamlining service delivery to Metro's inhabitants.

Game developer and Product Lead

Karela Games   **February 2019 – December 2020, Pokhara, Nepal**

· Collaborated with a friend and a designer in the end-to-end development of three games using the C# Unity framework, resulting in 1k+ organic downloads on the Play Store at the age of 17. Games - Frustration Pill, Texting and Walking, Vertical Challenge.
· Spearheaded product decisions exemplifying a user-centric approach to product development., Integrated Facebook analytics, and conducted market research and competitor analysis, resulting in a 50% increase in downloads after the first update.
· Collaborated with Bulgarian Publisher - Super Developers for prototyping new concepts while implementing Agile methodologies, streamlining project workflows, and ensuring on-time delivery of games, meeting project milestones and deadlines to submit it to publishers.

EDUCATION

Bachelor of Science in Engineering in Biomedical Engineering

Arizona State University · Tempe, AZ · 2025

SKILLS

Software Development: Node.js, Express, React.js, Redux, RESTful API, MySQL database
Project Management: Agile Methodologies, Sprint Planning, Lean Six Sigma Principles
Product Development: Market Research and Competitor Analysis, Product Strategy and Roadmapping, User-Centered UX Design, Product Features Research
Engineering: MATLAB, Python, Fusion 360, Auto CAD, SPICE